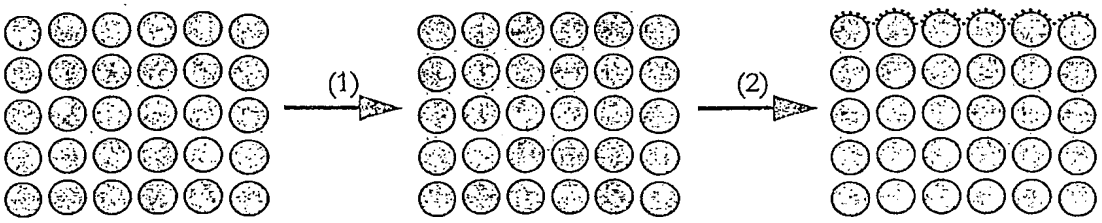
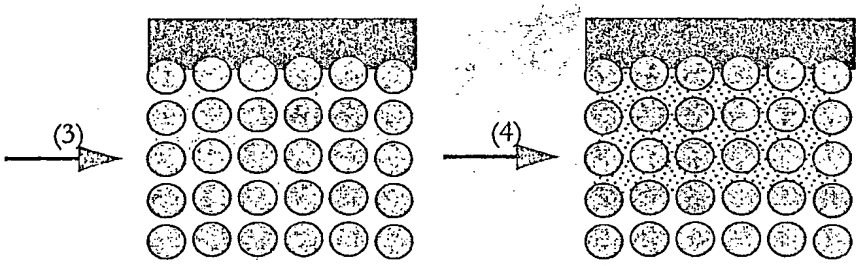


Porous Al_2O_3 support

Filler inside the channels of support

Palladium nuclei formation



Palladium membrane formation

Filler removal or partly removal

FIGURE 1